



BEL FUSE INC.

*198 Van Vorst Street
Jersey City 2, New Jersey*

(201) HE 2-0463 TWX (201) 432 6899

PRODUCTS FOR ELECTRONICS

A

dditional information is available regarding Bel Fuse Inc.
products for electronics. Just fill out
the attached postage-free card and mail.



bel
BEL FUSE INC.

Please send additional information on the items checked:

- | | | |
|--------------------------------------|--|---|
| ☐ DELAY LINES | ☐ FUSES | ☐ METALLIZING |
| ☐ Computer | ☐ Chemical (Kemfuzes) | ☐ PRECIOUS |
| ☐ Standard | ☐ Glass Tube | ☐ METAL PAINTS |
| ☐ Color TV | ☐ Piggyback | ☐ Silver |
| | ☐ Hermetic | ☐ Platinum alloy |
| | ☐ Miniature | |

Please have your sales engineer call on _____ *at* _____

DATE TIME

Please have your sales engineer call me _____

PHONE EXT.

NAME TITLE

ORGANIZATION

ADDRESS

CITY ZONE STATE

INTERNAL ADDRESS

Please add the following name(s) to your mailing list:



FIRST CLASS
PERMIT NO. 59
JERSEY CITY
NEW JERSEY

BEL FUSE INC.
198 Van Vorst Street
Jersey City 2, N.J.

POSTAGE WILL BE PAID BY

BUSINESS REPLY MAIL
NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

GLASS TUBE FUSES HERMETICALLY SEALED FUSES
FUSIBLE SURGE LIMITERS PRECIOUS METAL PAINTS
BELIMITERS AND KEMFUSES PROTECTIVE DEVICES
DELAY LINES PRECISION METALIZING FOR ELECTRONICS

PRODUCTS OF **bel**

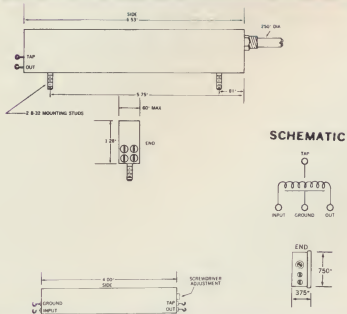
BEL FUSE INC.

198 Van Vorst Street
Jersey City, New Jersey
HEnderson 2-0463 TWX: JCY 963

CV SERIES
VARIABLE
DELAY LINES

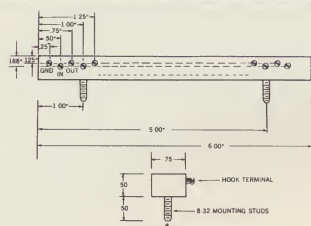
NV SERIES
VARIABLE
DELAY LINES

VARIABLE NANO- SECOND DELAY LINES



Part No.	Delay Range Nanoseconds	Impedance	Rise Time Maximum
NV250	0-50	200Ω	6 nsec.
NV540	0-40	500Ω	6 nsec.
NV10150	0-150	1000Ω	20 nsec.
NV5250	0-250	500Ω	30 nsec.

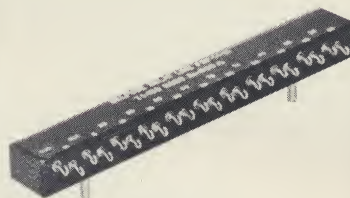
Part No.	Delay Range Nanoseconds	Impedance	Maximum Rise Time
CV5700	0-700	500Ω	80 nsec.
CV5750	0-750	500Ω	80 nsec.
CV10450	0-450	1000Ω	75 nsec.



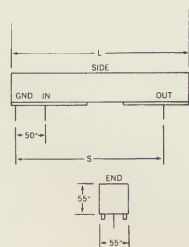
BF SERIES

PART NUMBER	DELAY	RISE TIME MAXIMUM
BF-14-111 A	100 NSEC	8 NSEC
BF-14-111 B	500 NSEC	40 NSEC
BF-14-111 C	1000 NSEC	80 NSEC
BF-14-111 D	5 μ SEC	.5 μ SEC
BF-14-111 E	10 μ SEC	1 μ SEC

Twenty-Tap Delay line available
in delay time ranges
from 100 NSEC to 10 μ SEC



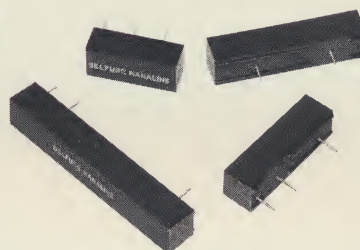
MULTI-TAPPED NANO-SECOND DELAY LINES



AL SERIES

Part No.	Delay $\pm 5\%$ nsec	Rise Time Max. nsec	Max. D.C. Resist.	Length (In.)	Lead Spacing "S"
AL550	50	20	1.0 Ω	1.5	1.0
AL5100	100	30	2.0 Ω	2.0	1.5
AL5125	125	30	2.5 Ω	2.5	1.7
AL5150	150	35	3.5 Ω	3.0	2.3
AL5200	200	35	4.0 Ω	3.5	2.9
AL500	500	65	10 Ω	3.5	2.9
AL1000	1000	130	14 Ω	3.5	2.9
AL2000	2000	265	16 Ω	3.5	2.9

Less than .1 db attenuation
Low DC Resistance
Excellent pulse fidelity.



LOW ATTEN- UATION DELAY LINES

- Time delay engineering kit for development, test, experimentation.
- Continuous delay flexibility from 0 - 2,500 nanoseconds **\$70.00**
- Continuous delay flexibility from 0 - 1,000 nanoseconds **\$55.00**

Model	Delay nsec ±2%	Rise Time Max.	Dim. (In.)		
			L	H	W
Precision Variable Delay CV5700	0-750	80 nsec	6.5	.62	1.25
602-75F	750	55 nsec	4.25	.55	.40
602-10F	1000	75 nsec	5.25	.55	.40
* NL505	5	1 nsec	2.25	.30	.50

Precision Variable Delay NV250	0-250	30 nsec	4.0	.750	.375
602-25F	250	25 nsec	1.80	.55	.40
602-5F	500	50 nsec	3.00	.55	.40
*NL505	5	1 nsec	2.25	.30	.50

*Included at no additional cost for test and evaluation



DELAY LINE LAB KITS

203 VAN VORST STREET • JERSEY CITY 2, NEW JERSEY
TELEPHONE 201 - HE 2-0463 TWX (201) 432-6899



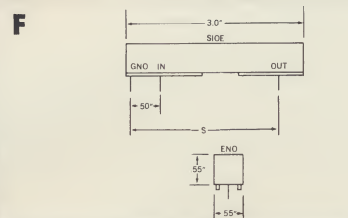
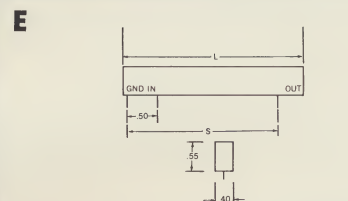
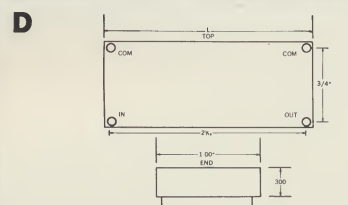
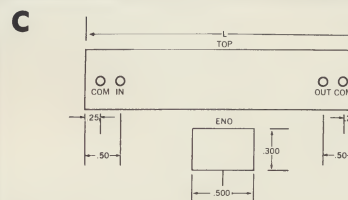
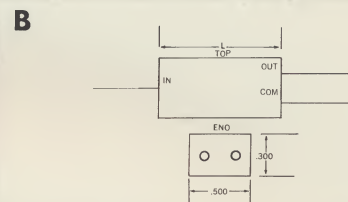
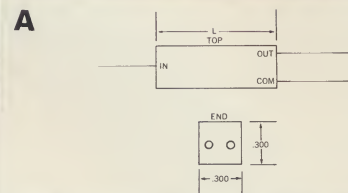
bel

DELAY

NANOSECOND

MICROSECOND

PART NUMBER			DELAY TIME	RISE TIME (Max.)	Con- figu- ration	LEAD SPACING "S" INCHES	LENGTH "L" INCHES
IMPEDANCE $\pm 10\%$							
200 Ω	500 Ω	1000 Ω	$\pm 5\%$				
HN205	HN505	HN1005	5	.5	A	—	1
HN210	HN510	HN1010	10	1.0	A	—	1
HN215	HN515	HN1015	15	1.5	B	—	1
HN220	HN520	HN1020	20	2.0	B	—	1
NL225	NL525	NL1025	25	2.3	C	—	2.25
NL230	NL530	NL1030	30	2.7	C	—	2.25
NL235	NL535	NL1035	35	3.2	C	—	2.25
NL240	NL540	NL1040	40	3.7	C	—	2.25
NL245	NL545	NL1045	45	4.1	C	—	2.25
NL250	NL550	NL1050	50	4.6	C	—	2.25
NL255	NL555	NL1055	55	5.0	C	—	2.25
NL260	NL560	NL1060	60	5.5	D	—	2.25
NL265	NL565	NL1065	65	5.9	D	—	2.25
NL270	NL570	NL1070	70	6.4	D	—	2.25
NL275	NL575	NL1075	75	6.9	D	—	2.25
NL280	NL580	NL1080	80	7.3	D	—	2.25
NL285	NL585	NL1085	85	7.8	D	—	2.25
NL290	NL590	NL1090	90	8.2	D	—	2.25
NL295	NL595	NL1095	95	8.6	D	—	2.25
NL2100	NL5100	NL10100	100	8.0	E	1.20	1.80
NL2200	NL5200	NL10200	200	16.0	E	1.20	1.80
NL2250	NL5250	NL10250	250	20	E	1.20	1.80
NL2300	NL5300	NL10300	300	24	E	2.20	3.00
NL2400	NL5400	NL10400	400	32	E	2.20	3.00
NL2500	NL5500	NL10500	500	40	E	2.20	3.00
NL2600	NL5600	NL10600	600	48	E	2.20	3.90
NL2700	NL5700	NL10700	700	56	E	2.20	3.90
NL2750	NL5750	NL10750	750	60	E	3.40	4.25
NL2800	NL5800	NL10800	800	64	E	3.40	4.25
NL2900	NL5900	NL10900	900	72	E	4.40	5.25
MM21K	MM51K	MM101K	1.0	.08	E	4.40	5.25
MM21.5K	MM51.5K	MM101.5	1.5	.15	F	2.30	3.0
MM22K	MM52K	MM102K	2.0	.20	F	2.30	3.0
MM22.5K	MM52.5K	MM102.5K	2.5	.25	F	2.30	3.0
MM23K	MM53K	MM103K	3.0	.30	F	2.30	3.0
MM23.5K	MM53.5K	MM103.5K	3.5	.35	F	2.30	3.0
MM24K	MM54K	MM104K	4.0	.40	F	2.30	3.0
MM24.5K	MM54.5K	MM104.5K	4.5	.45	F	2.90	3.50
MM25K	MM55K	MM105K	5.0	.50	F	2.90	3.50
—	MM55.5K	MM105.5K	5.5	.55	F	2.90	3.50
—	MM56K	MM106K	6.0	.60	F	2.90	3.50
—	MM56.5K	MM106.5K	6.5	.65	F	2.90	3.50
—	MM57K	MM107K	7.0	.75	F	2.90	3.50
—	MM57.5K	MM107.5K	7.5	.80	F	2.90	3.50
—	MM58K	MM108K	8.0	.85	F	2.90	3.50
—	MM58.5K	MM108.5K	8.5	.90	F	2.90	3.50
—	MM59K	MM109K	9.0	1.0	F	2.90	3.50
—	MM59.5K	MM109.5K	9.5	1.05	F	2.90	3.50
—	MM510K	MM1010K	10	1.1	F	2.90	3.50



If your specific requirements are not met by stock items, contact BEL's Engineering Department for other delay line models available to order. Fast prototype service is assured.



BEL FUSE INC.

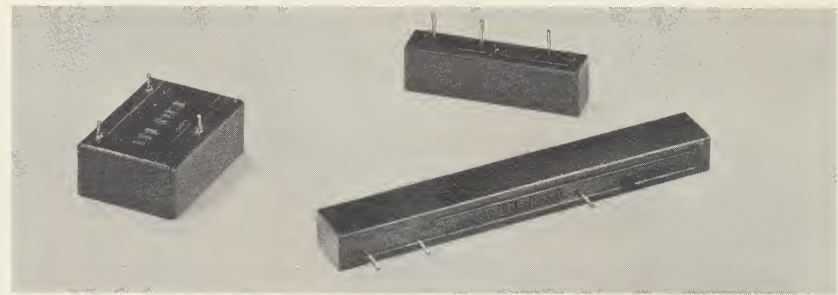
203 VAN VORST STREET • JERSEY CITY 2, NEW JERSEY
TELEPHONE 201-HE 2-0463 TWX (201) 432-6899



DISTRIBUTED CONSTANT DELAY LINES

for
printed board
applications

VOLTAGE TEST
ATTENUATION
TEMPERATURE RANGE



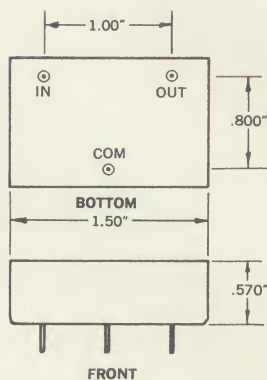
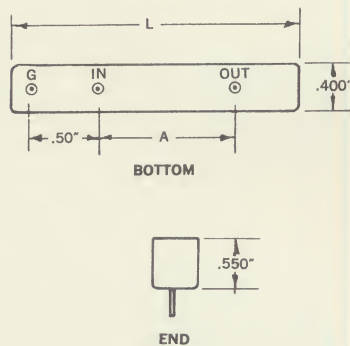
Specify BEL Distributed Constant Delay Lines in any of the various stock sizes listed for immediate delivery at lowest possible cost.

300 volts DC

Less than 1 db per microsecond

-25°C to +75°C

DIMENSIONS



SPECIFICATIONS

Model No.	Delay ±2%	Impedance ±10%	Rise Time	Dimensions (Inches)			
				A	Length	Height	Width
602-1	.1 usec.	500Ω	.075 usec. maximum for a delay of .5 usec.	1.20	1.80	.55	.40
602-2	.2			1.20	1.80	.55	.40
602-25	.25			1.20	1.80	.55	.40
602-3	.3			2.20	3.90	.55	.40
602-4	.4			2.20	3.90	.55	.40
602-5	.5			2.20	3.90	.55	.40
603-1	.1 usec.	1000Ω	.075 usec. maximum for a delay of .5 usec.	1.20	1.80	.55	.40
603-2	.2			1.20	1.80	.55	.40
603-25	.25			1.20	1.80	.55	.40
603-3	.3			1.20	1.80	.55	.40
603-4	.4			2.20	3.90	.55	.40
603-5	.5			2.20	3.90	.55	.40

Model No.	Delay ±5%	Impedance ±10%	Rise Time
1002-1 1002-2 1002-25 1002-3 1002-4 1002-5	.1 usec. .2 .25 .3 .4 .5	560Ω	.09 maximum for delay of .5 usec.
1003-1 1003-2 1003-25 1003-3 1003-4 1003-5	.1 usec. .2 .25 .3 .4 .5	1000Ω	.09 maximum for delay of .5 usec.

If your specific requirements are not met by stock items, contact BEL's Engineering Department for other delay line models available to order. Distributed Constant Delay Lines of one microsecond or less in all impedance ranges can be quickly designed to your specifications. Fast prototype service is assured.

BEL FUSE INC.

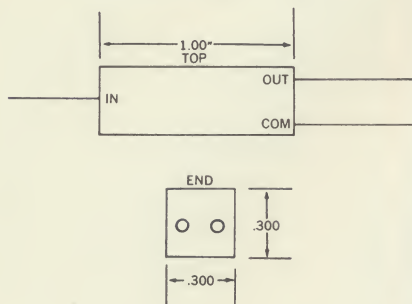
198 Van Vorst Street, Jersey City 2, N.J.
HEnderson 2-0463 TWX JCY 963



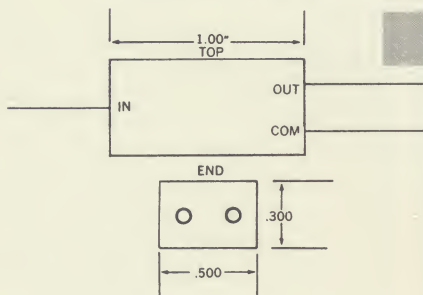
NANALINESTM DISTRIBUTED CONSTANT MILLIMICROSECOND DELAY LINES

DIMENSIONS

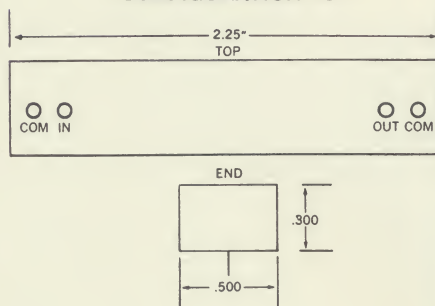
CONFIGURATION "A"



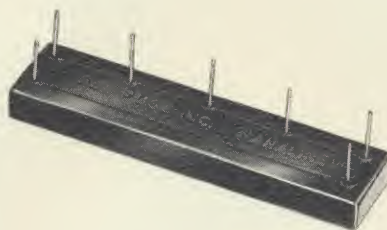
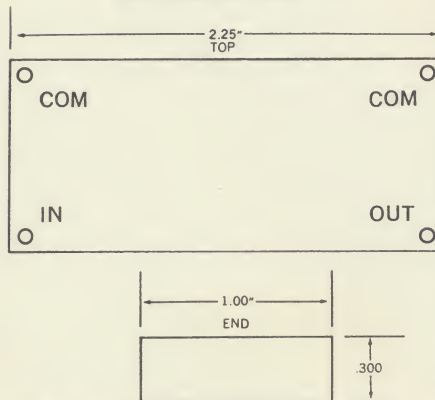
CONFIGURATION "B"



CONFIGURATION "C"



CONFIGURATION "D"



Where high speed pulse circuitry requires fast rise time delay lines with excellent pulse form fidelity and low attenuation—specify NANALINE.TM

This new delay concept for computer and other fast rise time pulse applications features—

- Extremely fast rise time and excellent pulse fidelity.
- 300 volt test, -25°C to $+75^{\circ}\text{C}$ operation.
- Complete Nanosecond delay selection in stock.
- Dramatic cost saving over comparable circuitry.

SPECIFICATIONS

Part Number			Delay $\pm 5\%$ Nanoseconds	Rise Time Max.	Configuration
Impedance $\pm 10\%$					
200 Ω	500 Ω	1000 Ω			
HN SERIES					
HN205	HN505	HN1005	5	9 nsec. for 100 nsec. Delay	A
HN210	HN510	HN1010	10		A
HN220	HN520	HN1020	20		B
NL SERIES					
NL205	NL505	NL1005	5		C
NL210	NL510	NL1010	10		C
NL220	NL520	NL1020	20		C
NL225	NL525	NL1025	25		C
NL250	NL550	NL1050	50		C
NL275	NL575	NL1075	75		D
NL2100	NL5100	NL10100	100		D
NLT SERIES					
NLT295	NLT595	NLT1095	100 tapped at 95 nsec. 100 tapped at 90 nsec. 100 tapped at 85 nsec.		D
NLT290	NLT590	NLT1090			D
NLT285	NLT285	NLT1085			D
NLTM SERIES					
NLTM250	NLTM550	NLTM1050	50 tapped every 5 nsec. 100 tapped at 85, 90, 95 nsec.		C
NLTM 2100	NLTM 5100	NLTM 10100			D

If your specific requirements are not met by stock items, contact BEL's Engineering Department for other delay line models available to order. Fast prototype service is assured.

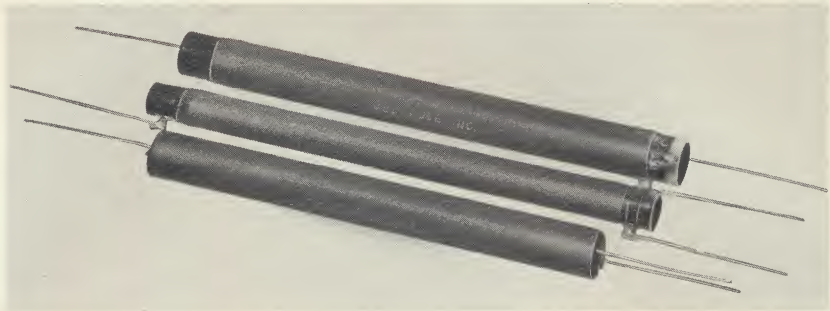
BEL FUSE INC.

198 Van Vorst Street, Jersey City 2, New Jersey
(201) HE 2-0463 TWX (201) 432 6899



COLOR TELEVISION DELAY LINES

FEATURING
LOW COST
HIGH RELIABILITY
FIELD TESTED



BEL has pioneered in the development of low cost high quality delay lines for color television. Designed to meet individual circuit requirements. Stock items available from production listed below.

DIMENSIONS



SPECIFICATIONS

Part No.	Delay $\pm 5\%$	Impedance $\pm 10\%$	Rise Time	Delay Character- istic	DIMENSIONS	
					L	O.D.
CTV59-3	.3 μ s	3900 ohms	less than .11 μ s for .8 μ s delay	linear	5"	.625"
4	.4				5"	
5	.5				5"	
6	.6				7"	
7	.7				7"	
8	.8				7"	
CTV60-3	.3 μ s	1500 ohms	less than .1 μ s for .7 μ s delay	linear	4"	.375"
4	.4				4"	
5	.5				5 $\frac{1}{8}$ "	
6	.6				5 $\frac{1}{8}$ "	
7	.7				5 $\frac{1}{8}$ "	
CTV61-3	.3 μ s	1500 ohms	less than .5 μ s for .8 μ s delay	non-linear	4"	.550"
4	.4				4"	
5	.5				5 $\frac{1}{8}$ "	
6	.6				5 $\frac{1}{8}$ "	
7	.7				5 $\frac{1}{8}$ "	
8	.8				5 $\frac{1}{8}$ "	

If your specific requirements are not met by stock items, contact BEL's Engineering Department for other delay line models available to order. Fast prototype service is assured.



BEL FUSE INC.

198 Van Vorst Street, Jersey City 2, N.J.
HEnderson 2-0463 TWX JCY 963



NANOSECOND DELAY LINE LABORATORY KITS

TIME DELAY
ENGINEERING KIT
FOR DEVELOPMENT,
TEST, EXPERIMENTATION.



Complete delay time flexibility in high quality laboratory units.

KIT-1000

Offers continuous delay flexibility from 0-1000 nanoseconds.

Price \$55.00

KIT-2500

Offers continuous delay flexibility from 0-2500 nanoseconds.

Price \$70.00

SPECIFICATIONS

KIT-1000

IMPEDANCE 500 Ω

Model	Delay nsec $\pm 2\%$	Rise Time Max.	Dimensions (inches)		
			Length	Height	Width
Precision Variable Delay NV250	0-250	30 nsec	4.0	.750	.375
602-25F	250	25 nsec	1.80	.55	.40
602-5F	500	50 nsec	3.00	.55	.40
*NL505	5	1 nsec	2.25	.30	.50

*Included at no additional cost for test and evaluation

KIT-2500

IMPEDANCE 500 Ω

Model	Delay nsec $\pm 2\%$	Rise Time Max.	Dimensions (inches)		
			Length	Height	Width
Precision Variable Delay CV5700	0-750	80 nsec	6.5	.62	1.25
602-75F	750	55 nsec	4.25	.55	.40
602-10F	1000	75 nsec	5.25	.55	.40
*NL505	5	1 nsec	2.25	.30	.50

*Included at no additional cost for test and evaluation

Individual units can be provided for any specific delay. Contact our Engineering Department for minimum sized units at minimum cost.



BEL FUSE INC.

198 Van Vorst Street, Jersey City 2, New Jersey
(201) HE 2-0463 TWX (201) 432 6899



VARIABLE NANOSECOND DELAY LINES

- Precision fine delay tuning
- Hermetically sealed
- Continuous adjustment

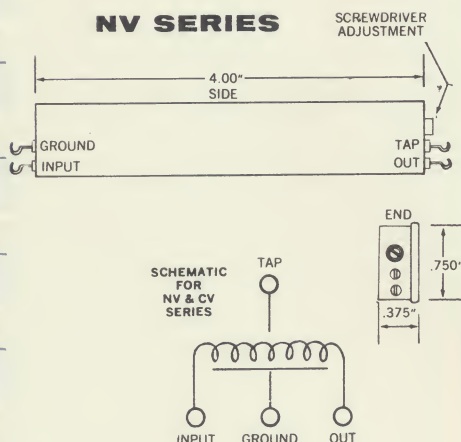


CV SERIES
VARIABLE
DELAY LINES

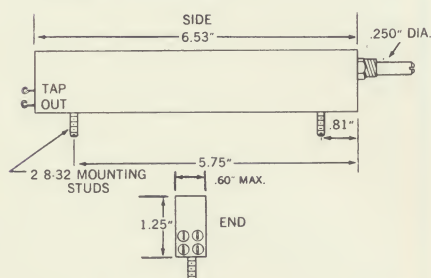
NV SERIES
VARIABLE
DELAY LINES

DIMENSIONS

NV SERIES



CV SERIES



SPECIFICATIONS

NV SERIES

12 TURN ADJUSTMENT

Part No.	Delay Range Nanoseconds	Impedance	Rise Time Maximum
NV250	0-50	200Ω	6 nsec.
NV540	0-40	500Ω	6 nsec.
NV10150	0-150	1000Ω	20 nsec.
NV5250	0-250	500Ω	30 nsec.

This case size is readily adaptable to many delay ranges and impedance values. Other lead configurations are also available. Ideal for printed circuit mounting.

CV SERIES

10 TURN ADJUSTMENT

Part No.	Delay Range Nanoseconds	Impedance	Rise Time Maximum
CV5700	0-700	500Ω	80 nsec.
CV5750	0-750	500Ω	80 nsec.
CV10450	0-450	1000Ω	75 nsec.

Variations from standard units are readily available. Suitable for panel mounting, manual adjustment, or remote servo operation.

Contact our engineering staff for application or specification assistance, immediate delivery on standard or special.

BEL FUSE INC.

198 Van Vorst Street, Jersey City 2, New Jersey
(201) HE 2-0463 TWX (201) 432 6899



LOW ATTENUATION NANOSECOND DELAY LINES

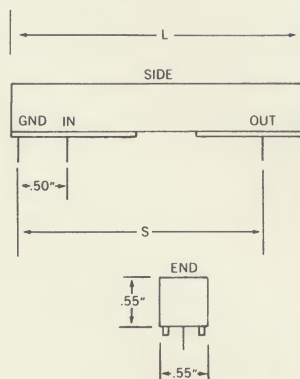
Low Attenuation —
Less than .1 DB
Low DC Resistance
Excellent Pulse Fidelity
300 Volt Test
—25°C to +75°C
operation



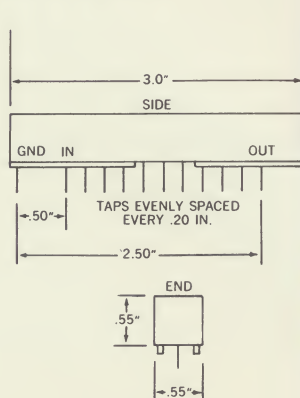
A complete line of Low Attenuation Nanosecond Delay Lines is available for immediate delivery. All components are stocked for prompt service.

DIMENSIONS

AL SERIES



ALTM SERIES



SPECIFICATIONS

AL SERIES

IMPEDANCE 500Ω

Part No.	Delay ±5% Nanoseconds	Rise Time Max. Nanoseconds	Maximum D.C. Resistance	Length (Inches)	Lead Spacing "S"
AL550	50	20	1.0Ω	1.5	1.0
AL5100	100	30	2.0Ω	2.0	1.5
AL5125	125	30	2.5Ω	2.5	1.7
AL5150	150	35	3.5Ω	3.0	2.3
AL5200	200	35	4.0Ω	3.5	2.9

ALTM SERIES

IMPEDANCE 500Ω

Part No.	Delay ±5% Nanoseconds	Rise Time Max. Nanoseconds	Maximum D.C. Resistance	Length (Inches)	Lead Spacing "S"
ALTM550	50 tapped every 5 nsec.	10	5Ω	3.0	See Diagram
ALTM5100	100 tapped every 10 nsec.	30	2Ω	3.0	See Diagram

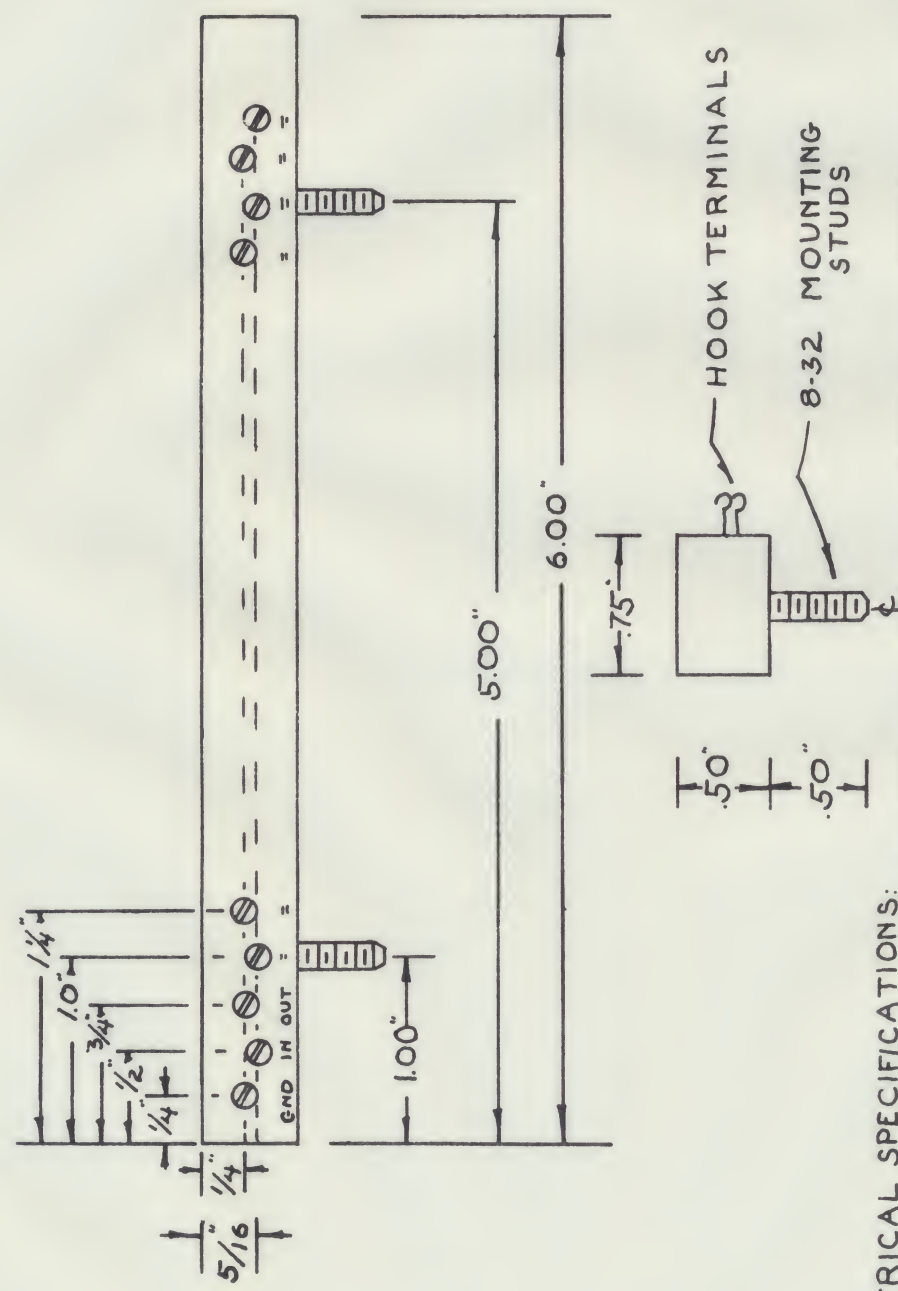
The listed items are only an indication of the large variety of delay lines available with no engineering or tooling charge. Contact our engineering department for solutions to your delay line problems.

BEL FUSE INC.

198 Van Vorst Street, Jersey City 2, New Jersey
(201) HE 2-0463 TWX (201) 432 6899

REVISIONS

SYN	DESCRIPTION	DATE	APPROVAL



P/N	DELAY	T _R	MAX	TAP	SPACING
A	100	NS	8	NS	5
B	500	NS	40	NS	25
C	1000	NS	80	NS	50
D	5	US	.5	US	.25
E	10	US	1	US	.50

ELECTRICAL SPECIFICATIONS:

IMPEDANCE: 500Ω ± 10 %
 100 VOLT TEST
 TEMPERATURE RANGE:
 -25°C to +75°C

MATERIAL		FINISH		HEAT TREAT	
METAL CONTAINER				WEIGHT	
TITLE					
MULTI-TAPPED DELAY LINE					
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED					
FRAC.	DEC.	ANG.			
± 1/64	± .005	± 30'			
SCALE		NO.		DATE	
FULL		REQ'D		3-6-64	
NEXT		APPROVED		DATE	
ASSY.		H.B		3-6-64	
DRAWN			DATE		ISSUE
EHZ			3-6-64		CAT.
CHECKED			DATE		A
APPROVED			DATE		
H.B			3-6-64		
SIZE			DRAWING NUMBER		
			BF-14-120		
BEL FUSE INC.			JERSEY CITY, N.J.		

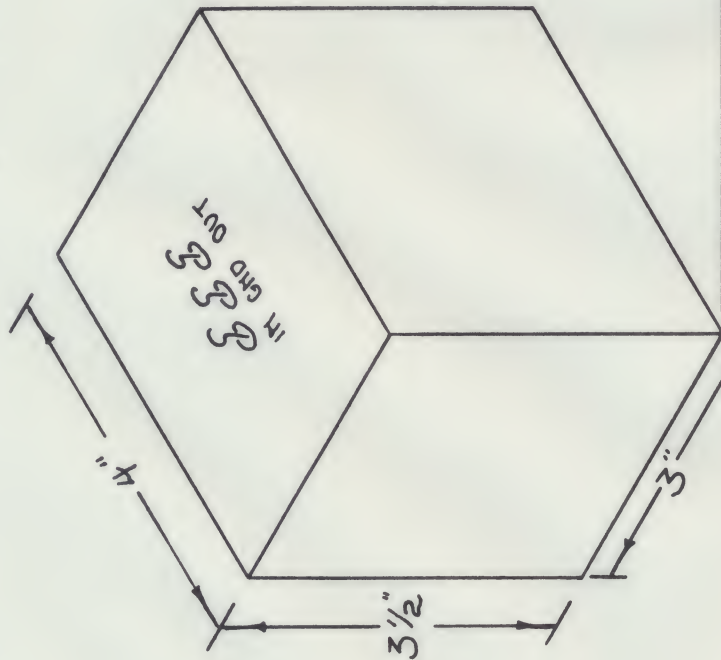
REVISIONS

SYMBOL

DESCRIPTION

DATE

APPROVAL



P/N	A	B	C	D	E
TIME DELAY	5 usec	10 usec	15 usec	20 usec	25 usec
RISE TIME	.25 usec	.50 usec	.75 usec	1.0 usec	1.25 usec
IMPEDANCE	100Ω	500Ω	335Ω	250Ω	200Ω
T _d / SECT - usec	.064	.128	.192	.256	.320

* INCREMENTS AT WHICH UNITS MAY BE TAPPED

ELECTRICAL SPECIFICATIONS:
300 VOLT TEST
TEMPERATURE RANGE:
-25°C to +75°C

MATERIAL		FINISH		HEAT TREAT	
STEEL CASE		HERMETIC SEAL		WEIGHT	
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE			
FRAC.	DEC.	ANG.	T _d / T _r = 20:1		
± 1/64	± .005	± 30'	LUMPED CONSTANT DELAY LINE		
SCALE	NO. REQ'D	DRAWN	E H Z	DATE	4-1-64
NONE		CHECKED		DATE	
NEXT ASSY.		APPROVED	WRG	DATE	4-2-64
		SIZE	DRAWING NUMBER		ISSUE
			BF-19-115		CAT. O
 BEL FUSE INC. JERSEY CITY, N.J.					

REVISIONS

SYM	DESCRIPTION	DATE	APPROVAL

NANALINE - C

NANALINE - C is a significant improvement in delay line technology developed at the laboratories of BEL FUSE. This refinement of the distributed constant delay line more closely approaches the high quality characteristics of coaxial transmission cable than any other distributed line development to date. Its high bandpass, fast rise time, and relatively small size make it ideal for the replacement of coaxial cable in many applications.

TIME DELAYS: From 5 to 200 nanoseconds.

IMPEDANCES: 93 Ohms standard. Other impedances are available.

RISE TIME MEASUREMENT: $Tr = \sqrt{Tr_o^2 - Tr_i^2}$ where Tr_o and Tr_i are the time lapses measured between the 10% and 90% amplitude points on the output and input pulses respectively.

RISE TIME: Using .8 nanosecond input pulse (Tr_i), for a 100 nanosecond delay, Tr may be as low as 2 nanoseconds.

CONSTRUCTION: Hermetically sealed steel containers. BNC, MICRODOT, or other type coaxial connectors are available for direct connection to coaxial cable.

OPERATING TEMPERATURE RANGE: -25°C to $+75^{\circ}\text{C}$

VOLTAGE TEST: 300 volts.

CONFIGURATION: For time delays of greater than 10 nanoseconds, a box length of $6\frac{1}{4}$ inches excluding connectors is desirable. Width is determined by Delay. A 100 nanosecond delay requires approximately $5\frac{1}{4}$ inches width. Height of box is $3\frac{3}{4}$ inches for delays up to 100 nanoseconds, and 1 inch for delays between 100 and 200 nanoseconds.

MATERIAL		FINISH		HEAT TREAT		WEIGHT	
TITLE				BEL FUSE INC. JERSEY CITY, N.J.			
NANALINE - C							
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN		DATE		ISSUE	
FRAC.	DEC.	ANG.	EHZ	4/15/64	DRAWING NUMBER	cat	
$\pm 1/64$	$\pm .005$	$\pm 30'$	CHECKED	DATE	BF-20-112	A	
SCALE	NO. REQ'D	APPROVED	WRG	DATE			
NEXT ASSY.				4/16/64			

REVISIONS		
SYM	DESCRIPTION	DATE



NANALINE - C 93 OHM

MODEL	DELAY	Tr	L in	W in
NL-C 9350	50 nsec	1.4	2 3/4	3/4
NL-C 93100	100 nsec	2.0	5 1/4	3/4
NL-C 93150	150 nsec	3.0	5 1/4	1
NL-C 93200	200 nsec	4.0	5 1/4	1

BNC connectors



ELECTRICAL SPECIFICATIONS:

DELAY TOLERANCE: $\pm 5\%$
 IMPEDANCE TOLERANCE: $\pm 5\%$
 100 VOLTS TEST
 TEMPERATURE RANGE:
 -25°C to $+75^{\circ}\text{C}$

MATERIAL CONTAINER		FINISH HERMETICALLY SEALED		HEAT TREAT WEIGHT	
METAL		TITLE		NANALINE - C 93 OHM	
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		NANALINE - C 93 OHM			
FRAC.	DEC.	ANG.			
$\pm 1/64$	$\pm .005$	$\pm 30'$			
SCALE NONE	NO. REQ'D				
NEXT ASSY.		DRAWN	EHZ	DATE	4/15/64
		CHECKED		DATE	
		APPROVED	WRG	DATE	4/16/64
			SIZE	DRAWING NUMBER	ISSUE
				BF-20-111	cat A
			bel BEL FUSE INC. JERSEY CITY, N.J.		